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(54) Title: AQUEOUS POLYMER DISPERSION

(57) Abstract: This invention relates to a process for preparing an aqueous dispersion of water insoluble polymer particles compris-  
ing: a) preparing by polymerisation an aqueous dispersion of water insoluble particles of a heteropolymer including monomeric units  
of a reactive amphiphile having a cloud point and monomeric units of a hydrophilic monomer, said polymerisation being conducted  
in the presence of a stabilising agent and the reactive amphiphile and at a temperature above the cloud point of said amphiphile, and  
b) cooling said aqueous dispersion to a temperature below the cloud point of the reactive amphiphile such that the viscosity of the  
aqueous dispersion increases. The invention also relates to aqueous dispersions of water insoluble heteropolymer particles which  
incorporate units of reactive amphiphile.

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